



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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3/17/03  
Amor

Application of:  
Willard L. Hofer et al.

Serial No.: 09/593,358

Filed: June 14, 2000

For: ROTATING GRIPPER  
WAFER FLIPPER

§ Group Art Unit: 2829  
§  
§  
§  
§ Examiner: Nguyen, J.  
§  
§  
§ Atty. Docket: MICS:0053/FLE  
§ 99-0326  
§

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

**CERTIFICATE OF MAILING**  
**37 C.F.R. 1.8**

Sir:

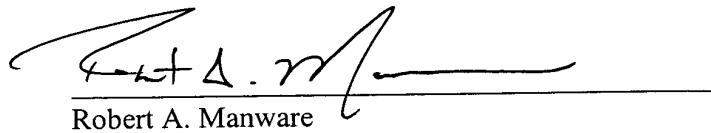
**DECLARATION UNDER 37 CFR § 1.131**

I, Robert A. Manware, hereby declare as follows:

1. My residence, post office address, and citizenship are set forth below, below my signature.
2. I am an attorney of record for the above-referenced application.
3. I have reviewed the file related to the above-referenced application which was filed on June 14, 2000.
4. I prepared a draft of the above-referenced patent application which was completed by March 9, 2000. The draft application was sent to the inventors for review on March 9, 2000, by Mike Fletcher, another attorney of record. A true and correct copy of the letter accompanying the draft application is attached hereto as Exhibit A.

5. The inventors reviewed the draft application and provided me with comments in late March or early April of 2000.
6. I revised the original draft application in accordance with these comments and sent a revised draft of the application to Micron, along with formal papers, on May 11, 2000. These formal papers included a Declaration, an Assignment, and a Power of Attorney. A true and correct copy of the letter accompanying the formal papers and revised application is attached hereto as Exhibit B.
7. Each of the Assignment and Declaration was executed by the inventors on June 5, 2000. True and correct copies of the executed Assignment and Declaration are attached hereto as Exhibit C. The Power of Attorney was executed on June 7, 2000 by Micron attorney, Michael Lynch. A true and correct copy of the executed Power of Attorney is attached hereto as Exhibit D.
8. On June 12, 2000, I received the executed documents, along with an accompanying letter dated June 9, 2000, on June 12, 2000. A true and correct copy of the letter is attached hereto as Exhibit E. I filed the completed application in the United States Patent and Trademark Office on June 14, 2000.
9. I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further, that these statements are made with the knowledge that willful false statements, and the like, are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Respectfully submitted,

  
\_\_\_\_\_  
Robert A. Manware

Date: March 3, 2003

Declarant's Full Name: Robert Alan Manware

Country of Citizenship: U.S.A.

Residence Address: 8010 Meadowbriar Ln.  
Houston, Texas 77063

Business Address: Fletcher, Yoder & Van Someren  
7915 FM 1960 West  
Suite 330  
Houston, Texas 77070  
281-970-4545



# EXHIBIT

## A



# FLETCHER, YODER & VAN SOMEREN

A Professional Corporation

Attorneys at Law

7915 FM 1960 West, Suite 330  
Houston, Texas 77070

Post Office Box 692289  
Houston, Texas 77269-2289

Telephone (281) 970-4545  
Facsimile (281) 970-4503

MICS:0053  
99-0326

March 9, 2000

Mr. Willard L. Hofer  
Micron Technology, Inc.  
8000 South Federal Way  
Boise, Idaho 83707-0006

Re: *U.S. Patent Application of William L. Hofer et al.*  
Entitled: ROTATING GRIPPER WAFER FLIPPER

Dear Mr. Hofer:

Enclosed for your and your co-inventors' collective review is the patent application we recently prepared for your invention. Please review the application, including all figures and claims, for accuracy and completeness. Please spend sufficient time reviewing the application so that you understand the content of the application, including each of the claims. The application should enable one skilled in the art to make and use the invention, and it should disclose the best mode of which you are aware for carrying out the invention.

While reviewing the application, and especially the claims, you should keep in mind any relevant prior art of which you are aware. It is important that the claims accurately define the invention and that they distinguish over the prior art. If any prior art comes to your attention now or during the pendency of the application, please send it to me.

If the application is inaccurate or incomplete, please mark your changes and corrections directly on the application itself and return it to me for revision, or you can call me at (281) 970-4545.

Very truly yours,

Michael G. Fletcher

MGF/dm  
enclosures

cc: Lisa Boyer (w/encl.)  
Michael L. Lynch, Esq. (w/encl.)



# EXHIBIT B



## FLETCHER, YODER & VAN SOMEREN

A Professional Corporation

Attorneys at Law

7915 FM 1960 West, Suite 330  
Houston, Texas 77070

Post Office Box 692289  
Houston, Texas 77269-2289

Telephone (281) 970-4545  
Facsimile (281) 970-4503

MICS:0053  
99-0326

May 11, 2000

Ms. Lisa Boyer  
Micron Technology, Inc.  
8000 South Federal Way  
Boise, Idaho 83707-0006

Re: *U.S. Patent Application of William L. Hofer et al.*  
*Entitled: ROTATING GRIPPER WAFER FLIPPER*

Dear Lisa:

Enclosed for your review is the patent application we recently revised in accordance with the formalized drawings. If the application is now ready for filing, please have all inventors execute the enclosed Declaration and Assignment and please have Mike Lynch execute the Election and Power of Attorney.

If you have any questions or comments, please do not hesitate to call.

Very truly yours,

A handwritten signature in black ink, appearing to read "Robert A. Manware".

Robert A. Manware

RAM/dr  
enclosures

c: Michael L. Lynch, Esq. (w/encl.)



# EXHIBIT

# C

## ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to Micron Technology, Inc. (the "Assignee"), a corporation of the State of Delaware, having a place of business at 8000 S. Federal Way, Boise, Idaho 83707-0006, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled "ROTATING GRIPPER WAFER FLIPPER," such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will (1) execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature): Willard L. Hofer  
Name: Willard L. Hofer

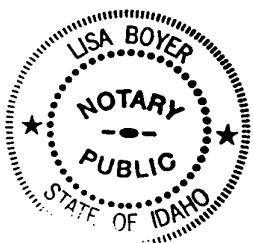
Date: 6/5/2000

STATE OF Idaho §  
COUNTY OF Ada § ss.  
§

BEFORE ME, the undersigned authority, on this 5 day of June, 2000, personally appeared Willard L. Hofer known to me to be the person whose name subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Lisa Boyer  
Notary or Consular Officer

[SEAL]



TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

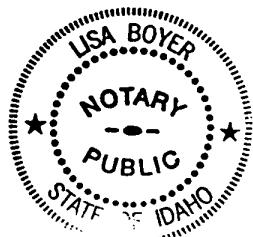
(Signature):   
Name: Shawn D. Davis

Date: 6-5-2000

STATE OF Idaho §  
COUNTY OF Ada § ss.  
§

BEFORE ME, the undersigned authority, on this 5 day of June, 2000, personally appeared Shawn D. Davis, known to me to be the person whose name subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

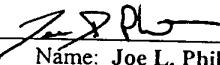
[SEAL]





Notary or Consular Officer

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

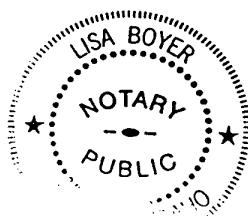
(Signature):   
Name: Joe L. Phillips

Date: 6/5/00

STATE OF Idaho §  
COUNTY OF Ada § ss.  
§

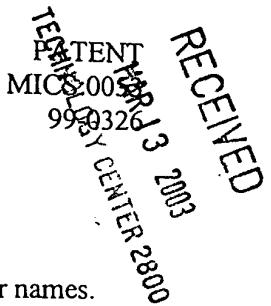
BEFORE ME, the undersigned authority, on this 5 day of June, 2000, personally appeared Joe L. Phillips, known to me to be the person whose name subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]





Notary or Consular Officer



## DECLARATION

As the below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled "**ROTATING GRIPPER WAFER FLIPPER**," the specification of which:

X is attached hereto.

Was filed on \_\_\_\_\_ as Application Serial No.: \_\_\_\_\_

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims.

We acknowledge the duty to disclose to the Patent and Trademark Office all information known to us to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations, § 1.56.

We hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**PRIOR FOREIGN APPLICATION(S)**

Priority Claimed

(Number)	(Country)	(Date Filed)	Yes/No
(Number)	(Country)	(Date Filed)	Yes/No

We hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, we acknowledge the duty to disclose all information known to us to be material to patentability of the subject matter claimed in this application, as “materiality” is defined in Title 37, Code of Federal Regulations, § 1.56, which become available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.) (Filing Date) (Status)

We hereby direct that all correspondence and telephone calls be addressed to Michael G. Fletcher, Fletcher, Yoder & Van Someren, P.O. Box 692289, Houston, Texas 77269-2289, (281) 970-4545.

We hereby declare that all statements made of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's Full Name: Willard L. Hofer  
(First) (Initial) (Last)

Inventor's Signature: Willard L. Hofer

Date: 6/5/2000 Country of Citizenship U.S.A.

Residence Address: 469 S. Emily  
(Include number, street name, city, state, and country)  
Boise, Idaho 83709 U.S.A.

Post Office Address:  
(If different)

Inventor's Full Name: Shawn D. Davis  
(First) (Initial) (Last)

Inventor's Signature: Shawn Davis

Date: 6-5-2000 Country of Citizenship U.S.A.

Residence Address: 3023 W. Val Vista Ct.  
(Include number, street name, city, state, and country)  
Meridian, Idaho 83706 U.S.A.

Post Office Address:  
(If different)

Inventor's Full Name: Joe L. Phillips  
(First) (Initial) (Last)

Inventor's Signature: Joe Z. Phillips

Date: 5/6/00 Country of Citizenship U.S.A.

Residence Address: 2903 Bobcat Drive  
(Include number, street name, city, state, and country)  
Nampa, Idaho 83687 U.S.A.

Post Office Address:  
(If different)  
\_\_\_\_\_



# EXHIBIT D

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Willard Lloyd Hofer et al.

Serial No.: Unassigned

Filed: Herewith

For: ROTATING GRIPPER WAFER FLIPPER



§ Group Art Unit: Unassigned  
§  
§ Examiner: Unassigned  
§  
§ Atty Docket: MICS:0053/FLE  
§ 99-0326

ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73  
AND POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned, being Assignee of the entire interest in the above-identified application by virtue of an Assignment recorded in the United States Patent and Trademark Office as set forth below, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventor(s).

The Assignee hereby revokes any previous Powers of Attorney and appoints:

Michael L. Lynch, Reg. No. 30,871; and Lia Pappas Dennison, Reg. No. 34,095  
of MICRON TECHNOLOGY, INC.; and also

Michael G. Fletcher, Reg. No. 32,777, Patrick S. Yoder, Reg. No. 37,479;  
Robert A. Van Someren, Reg. No. 36,038; and Diana M. Sangalli, Reg. No. 40,798

with the law firm of FLETCHER, YODER & VAN SOMEREN, as its attorneys with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, to receive any Letters Patent, and for one year after issuance of such Letters Patent to file any request for a certificate of correction that may be deemed appropriate.

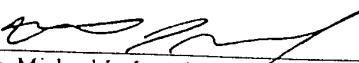
Pursuant to 37 C.F.R. § 3.73, the undersigned has reviewed the evidentiary documents, specifically the Assignment to MICRON TECHNOLOGY, INC. referenced below, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

Please direct all communications as follows:

Michael G. Fletcher  
FLETCHER, YODER & VAN SOMEREN  
P.O. Box 692289  
Houston, TX 77269-2289  
(281) 970-4545

ASSIGNEE: Micron Technology, Inc.

Date: 6-7-00

By:   
Name: Michael L. Lynch, Chief Patent Counsel

ASSIGNMENT:

Enclosed for recording  
 Previously recorded:

Date:  
Reel:  
Frame:



# EXHIBIT

# E



June 9, 2000

**RECEIVED**

JUN 12 2000

Fletcher, Yoder & Van Someren

Michael Fletcher  
Fletcher, Yoder & Van Someren  
7915 FM 1960 West  
Suite 330  
Houston, TX 77070

Re:      Micron Reference: 99-0326  
            Your Reference: MICS:0053

RAM

Dear Mike:

Please find enclosed the following signature papers which have been signed by the inventors and Mike Lynch and are ready to be filed with the Patent Office:

- 1)      Declaration,
- 2)      Assignment, and
- 3)      Power of Attorney.

Please fax me a copy of the transmittal letter when this case is filed with the PTO. Feel free to let me know if you have any questions.

Very truly yours,

  
Lisa Boyer  
Patent Assistant

Phone: 208/368-4797  
Fax: 208/368-5606

**RECEIVED**  
MAR 13 2003  
TECHNOLOGY CENTER 2800